



CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

Serving the People of California

September 1992

AUGUST 1992

This bulletin covers 27 agricultural industries statewide, and from five to seventeen industries in each of six regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details). The data are organized into sets of tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

August statewide agricultural employment increased by 14,600 from July, to a total of 436,500. (Table 1-A). This total is 3.5 percent above the August 1991 level. Most of the month-to-month employment increase occurred in the San Joaquin Valley Region (Grapes and Farm Labor Contractors). Employment gains also occurred in the North Coast, Sacramento Valley, and Central Coast Regions. Employment declined in the Desert Region (Grapes, Crop Services and Farm Labor Contracting) and in the South Coast Region (Berries).

Wage and Salary Workers in Agricultural Establishments

For August 1992

(In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	436.5	228.7	55.7	74.2	22.9	39.9	15.5
Total Crops	249.1	116.8	36.7	48.1	8.7	28.9	10.5
Total Livestock	26.0	14.0	2.1	1.1	5.0	2.2	1.9
Total Services	161.4	97.9	16.9	25.0	9.2	8.8	3.1

Source: Tables 1-A through 7-A.

CHANGES FROM ONE YEAR AGO

Employment was 22,200 above the August 1991 level of 414,300. Grapes accounted for half this increase with the rest occurring in other fruits and nuts categories. Most of the year-to-year increase occurred in the San Joaquin Valley with smaller additions in the Central Coast and Sacramento Valley Regions. Different cropping patterns (because of the whitefly infestation) in the Desert Region has caused employment to fall 14% below the August 1991 level. This is the second month in a row that employment in the Desert Region has been significantly below the normal level for prior years. (Tables 1-A through 7-A.)

Average hourly earnings in August were \$6.52; this was 20 cents above the year-ago average. (Table 1-E).

REGIONAL CROP ACTIVITIES

According to the California Farm Labor Report (881A), the major regional crop activities during July were:

- South Coast: Horticulture, tomatoes, oranges, strawberries, and lemons (harvest), miscellaneous vegetables (plant, cultivate & harvest).
- Central Coast: Broccoli, and cauliflower (harvest), lettuce, strawberries and miscellaneous vegetables (preharvest/harvest), horticulture (plant, cultivate & harvest).
- San Joaquin Valley: Grapes, peaches, nectarines, plums, melons, alfalfa hay, valencia oranges, corn for silage, and tomatoes (harvest), miscellaneous vegetables (plant, cultivate & harvest).
- Sacramento Valley: Peaches (harvest).
- North Coast: Pears, apples, and grapes (harvest).

AGRICULTURAL PRODUCTION WORKERS

The statewide production worker employment total was 405,900, an increase of 12,600 from July. (Table 1-B.)

Statewide average weekly earnings were \$279.06 for agricultural production workers. The lowest average weekly earnings, at \$266.28, were in the San Joaquin Valley Region. The highest average weekly earnings were in the Central Coast Region, \$302.52. (Tables 1-C through 7-C.)

The statewide average hourly work week for production workers was 42.8 hours. The North Coast Region recorded the shortest work week at 39.9 hours. The longest work week, 48.5 hours, was in the Sacramento Valley Region. (Tables 1-D through 7-D.)

Average Hourly Earnings of Production Workers

For August 1992

(In Dollars per Hour)

Industry	State-wide	San Joaquin	South Coast	Central Coast	Desert	Sacramento	North Coast
Total Agricultural	6.52	6.31	6.60	7.22	6.98	6.18	7.18
Total Crops	6.47	6.37	6.43	6.89	6.41	6.11	6.96
Total Livestock	7.08	7.09	7.52	7.55	8.24	6.99	6.55
Total Services	6.50	6.08	6.87	7.92	6.75	6.19	8.49

Source: Tables 1-E through 7-E.

DATA SOURCES:

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files, and a monthly survey, conducted by the Labor Market Information Division of EDD, of 4,000 agricultural employers. This sample, about 12 percent of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period.

DATA COMMENTS:

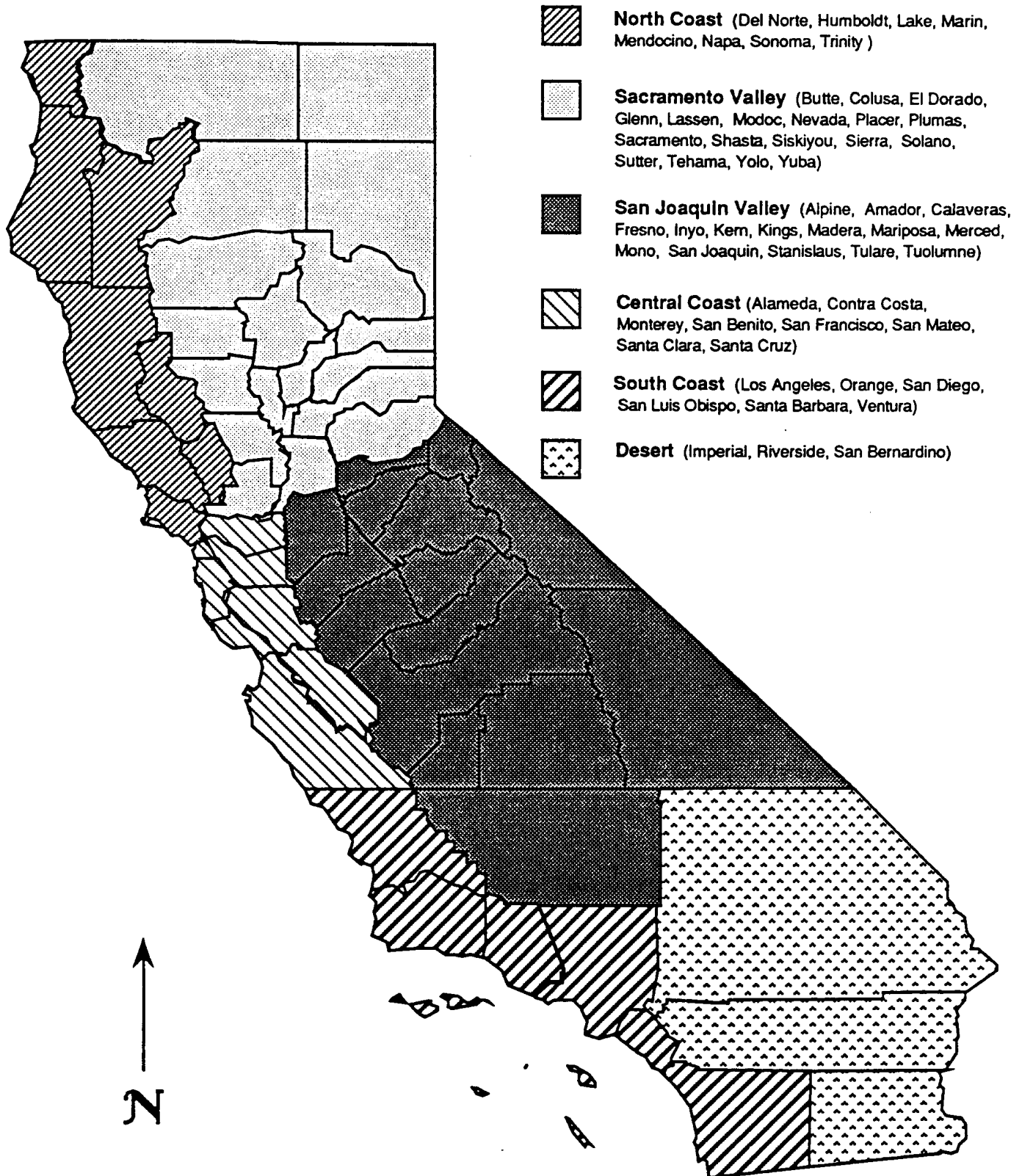
ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL.

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a monthly sampling project: the Current Employment Statistics for Agriculture. Estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

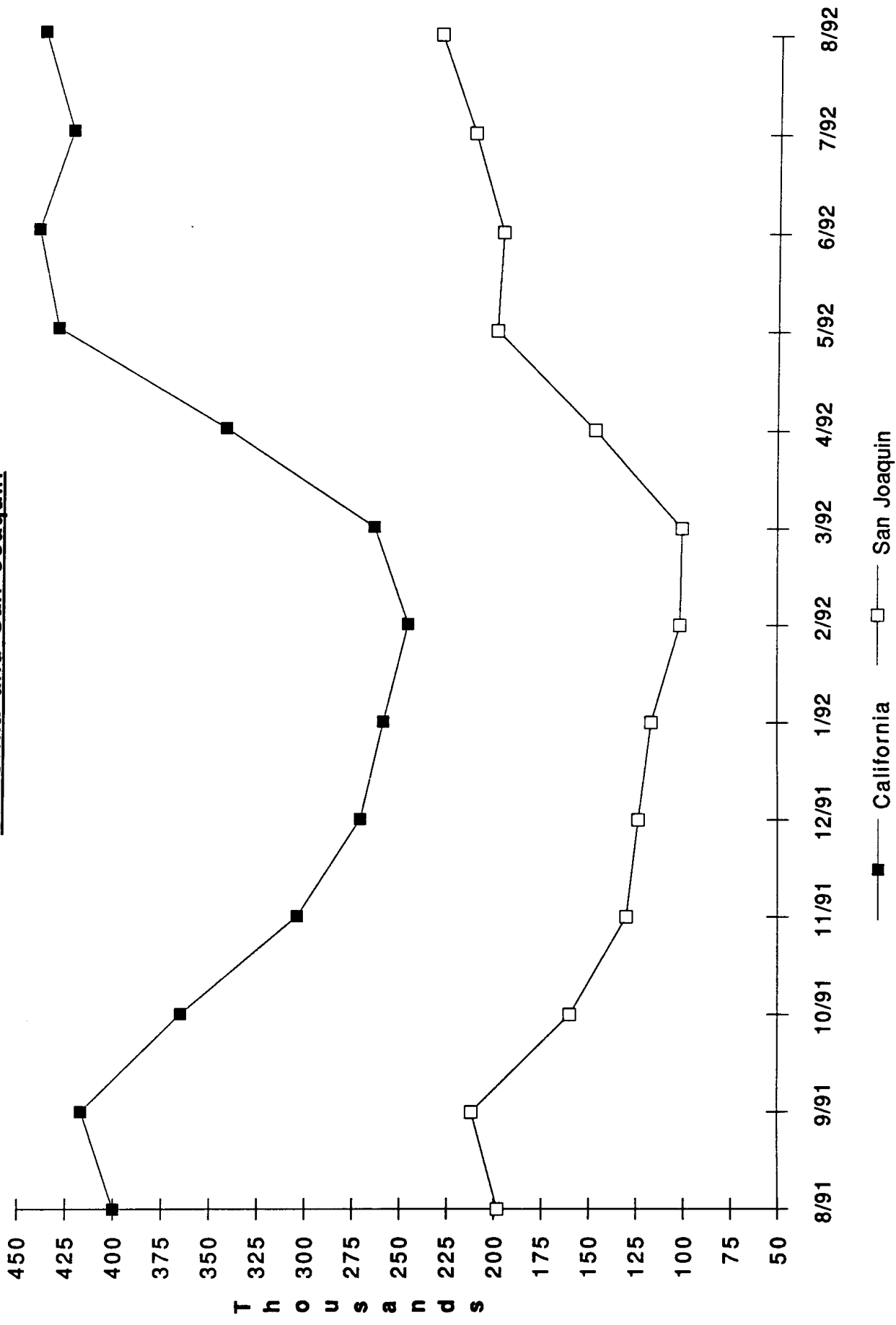
If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: **Special Projects Unit, Labor Market Information Division, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-9994 or call (916) 424-7310. (ATSS 8-466-4961).**

CES-AG REPORTING REGIONS
LABOR MARKET INFORMATION DIVISION
EMPLOYMENT DEVELOPMENT DEPARTMENT



TOTAL WAGE & SALARY EMPLOYMENT

California and San Joaquin



TOTAL WAGE & SALARY EMPLOYMENT

All Regions except San Joaquin

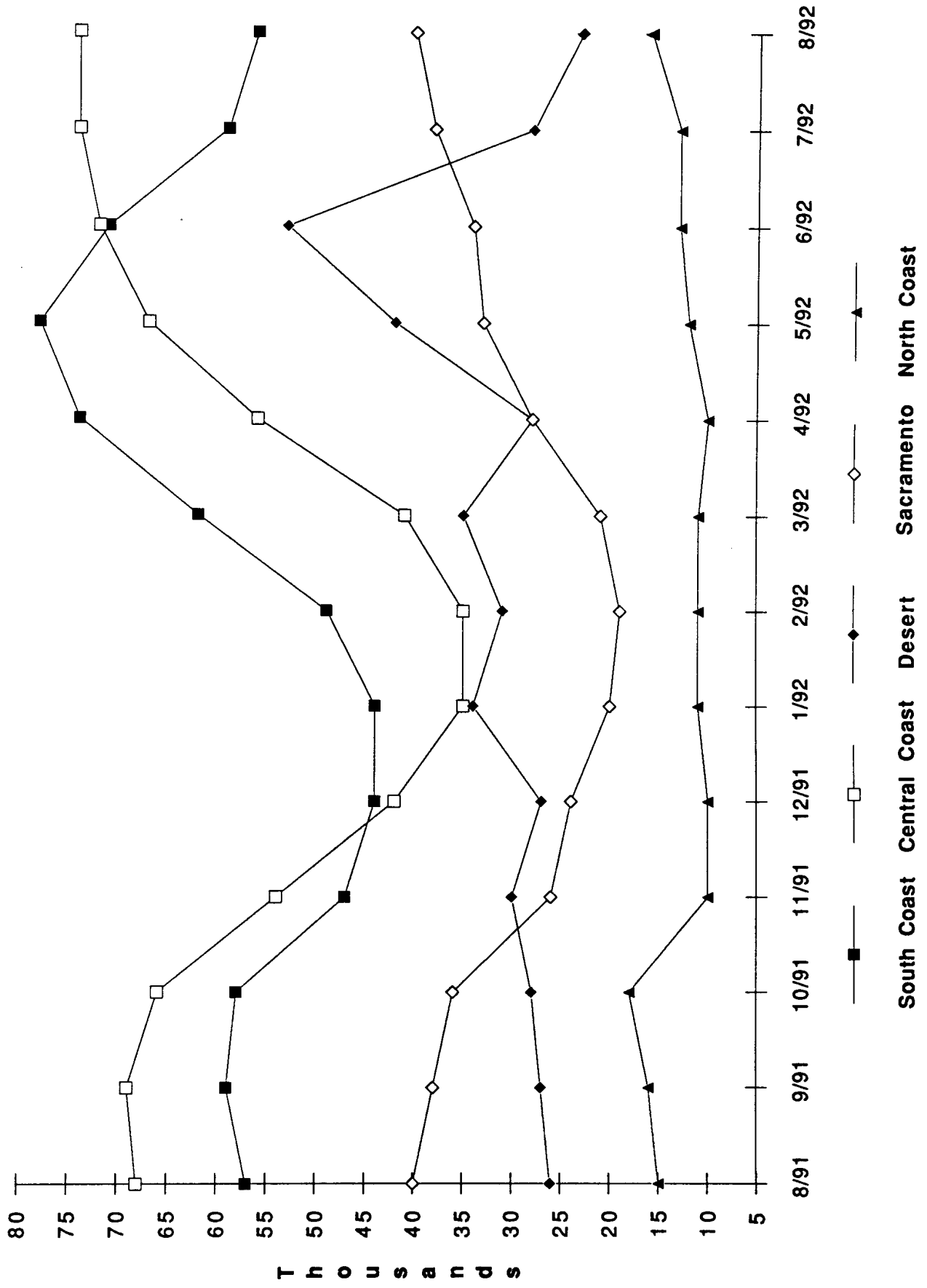


TABLE 1-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	436.5	421.9	414.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	249.1	240.8	230.1
CASH GRAINS	3.6	3.6	3.3
RICE	1.6	1.5	1.5
OTHER CASH GRAINS	2.0	2.1	1.8
FIELD CROPS EXCEPT CASH GRAINS	12.6	13.1	13.6
COTTON	7.2	7.4	7.4
OTHER FIELD CROPS	5.4	5.7	6.2
VEGETABLES AND MELONS	37.5	37.7	35.9
TOTAL FRUITS AND TREE NUTS	126.2	116.1	106.6
BERRIES	19.5	24.0	17.8
GRAPES	49.0	39.1	37.1
TREE NUTS	8.7	6.9	7.6
CITRUS FRUITS	6.8	6.6	5.1
DECIDUOUS TREE FRUIT	27.8	26.7	25.9
OTHER FRUITS AND NUTS	14.4	12.8	13.1
TOTAL HORTICULTURAL SPECIALTIES	31.4	32.5	32.4
ORNAMENTAL FLORAL & NURSERY	27.9	29.0	29.0
FOOD CROPS GROWN UNDER COVER	3.5	3.5	3.4
GENERAL FARM PRIMARILY CROP	37.8	37.8	38.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	26.0	26.3	27.5
BEEF CATTLE FEED LOTS	0.7	0.7	0.8
BEEF CATTLE EXCEPT FEED LOTS	3.6	3.7	3.9
DAIRY FARMS	13.3	13.4	13.3
CHICKEN EGGS	2.8	2.8	3.2
TURKEYS & TURKEY EGGS	1.0	1.0	1.4
OTHER LIVESTOCK	4.6	4.7	4.9
TOTAL AGRICULTURAL SERVICES	161.4	154.8	156.7
SOIL PREPARATION SERVICES	1.1	1.1	1.1
CROP SERVICES	57.8	56.7	51.7
PLANT CULTIVATE & PROTECTION	6.0	5.6	6.1
HARVEST PRIMARILY BY MACHINE	12.2	12.5	11.6
PREPARATION SVCS FOR MARKET	39.0	38.0	33.3
COTTON GINNING	0.6	0.6	0.7
TOTAL FARM LABOR & MANAGEMENT	102.5	97.0	103.9
FARM LABOR CONTRACTORS	93.6	87.7	94.9
FARM MANAGEMENT SERVICES	8.9	9.3	9.0

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B
AGRICULTURAL PRODUCTION WORKERS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	405.9	393.3	383.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	229.7	222.5	211.1
CASH GRAINS	3.3	3.2	2.9
RICE	1.4	1.2	1.2
OTHER CASH GRAINS	1.9	2.0	1.7
FIELD CROPS EXCEPT CASH GRAINS	11.6	12.1	12.4
COTTON	6.8	6.9	7.0
OTHER FIELD CROPS	4.8	5.2	5.4
VEGETABLES AND MELONS	34.7	34.9	33.4
TOTAL FRUITS AND TREE NUTS	119.0	109.9	100.5
BERRIES	19.0	23.6	17.3
GRAPES	46.7	36.6	35.0
TREE NUTS	7.7	6.1	6.8
CITRUS FRUITS	6.2	6.0	4.6
DECIDUOUS TREE FRUIT	25.8	25.4	24.3
OTHER FRUITS AND NUTS	13.6	12.2	12.5
TOTAL HORTICULTURAL SPECIALTIES	25.7	26.9	26.6
ORNAMENTAL FLORAL & NURSERY	22.7	23.8	23.7
FOOD CROPS GROWN UNDER COVER	3.0	3.1	2.9
GENERAL FARM PRIMARILY CROP	35.4	35.5	35.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	22.3	22.9	23.7
BEEF CATTLE FEED LOTS	0.5	0.5	0.6
BEEF CATTLE EXCEPT FEED LOTS	2.9	3.1	3.2
DAIRY FARMS	12.4	12.5	12.5
CHICKEN EGGS	1.9	2.0	2.4
TURKEYS & TURKEY EGGS	0.7	0.8	0.9
OTHER LIVESTOCK	3.9	4.0	4.1
TOTAL AGRICULTURAL SERVICES	153.9	147.9	148.7
SOIL PREPARATION SERVICES	0.9	0.9	0.8
CROP SERVICES	52.3	51.9	46.7
PLANT CULTIVATE & PROTECTION	4.3	4.6	5.0
HARVEST PRIMARILY BY MACHINE	11.4	11.9	10.9
PREPARATION SVCS FOR MARKET	36.2	35.0	30.4
COTTON GINNING	0.4	0.4	0.4
TOTAL FARM LABOR & MANAGEMENT	100.7	95.1	101.2
FARM LABOR CONTRACTORS	92.6	86.7	93.3
FARM MANAGEMENT SERVICES	8.1	8.4	7.9

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER WEEK)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	279.06	280.58	264.18
TOTAL AGRICULTURAL PRODUCTION/CROPS	286.62	285.82	277.20
CASH GRAINS	338.75	331.52	344.45
RICE	344.24	341.03	339.80
OTHER CASH GRAINS	333.67	325.93	348.09
FIELD CROPS EXCEPT CASH GRAINS	292.11	328.06	315.56
COTTON	283.82	342.14	318.83
OTHER FIELD CROPS	304.17	308.90	310.58
VEGETABLES AND MELONS	323.14	320.07	304.65
TOTAL FRUITS AND TREE NUTS	276.06	270.43	250.10
BERRIES	263.08	270.00	274.96
GRAPES	297.35	287.67	252.90
TREE NUTS	265.82	260.21	268.63
CITRUS FRUITS	281.24	299.46	302.31
DECIDUOUS TREE FRUIT	249.21	253.64	213.33
OTHER FRUITS AND NUTS	274.39	242.19	246.64
TOTAL HORTICULTURAL SPECIALTIES	310.82	303.73	297.89
ORNAMENTAL FLORAL & NURSERY	306.62	300.45	297.01
FOOD CROPS GROWN UNDER COVER	344.24	330.58	301.82
GENERAL FARM PRIMARILY CROP	260.22	271.66	293.18
TOTAL AGRIC PRODUCTION/LIVESTOCK	367.45	341.74	340.14
BEEF CATTLE FEED LOTS	403.74	390.72	350.30
BEEF CATTLE EXCEPT FEED LOTS	366.08	351.09	326.86
DAIRY FARMS	382.90	350.90	358.78
CHICKEN EGGS	347.50	314.42	306.24
TURKEYS & TURKEY EGGS	342.96	334.51	339.31
OTHER LIVESTOCK	326.51	313.08	312.31
TOTAL AGRICULTURAL SERVICES	256.10	261.87	234.12
SOIL PREPARATION SERVICES	547.44	516.57	549.41
CROP SERVICES	274.69	291.35	268.53
PLANT CULTIVATE & PROTECTION	344.38	348.94	334.18
HARVEST PRIMARILY BY MACHINE	273.73	275.78	259.31
PREPARATION SVCS FOR MARKET	266.76	288.27	260.29
COTTON GINNING	332.64	338.64	366.52
TOTAL FARM LABOR & MANAGEMENT	243.66	243.79	215.72
FARM LABOR CONTRACTORS	237.84	236.77	211.55
FARM MANAGEMENT SERVICES	314.14	313.45	266.33

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 1-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CALIFORNIA
(IN HOURS PER WEEK)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	42.8	43.5	41.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	44.3	44.8	44.0
CASH GRAINS	53.6	51.8	56.1
RICE	52.0	50.9	52.6
OTHER CASH GRAINS	54.7	52.4	58.7
FIELD CROPS EXCEPT CASH GRAINS	45.5	51.1	49.0
COTTON	43.8	52.8	47.8
OTHER FIELD CROPS	47.9	48.8	50.5
VEGETABLES AND MELONS	46.9	45.4	45.2
TOTAL FRUITS AND TREE NUTS	43.0	43.2	40.6
BERRIES	42.5	43.2	43.3
GRAPES	43.6	43.0	40.4
TREE NUTS	42.6	41.5	45.3
CITRUS FRUITS	39.5	42.0	42.4
DECIDUOUS TREE FRUIT	42.6	45.7	37.1
OTHER FRUITS AND NUTS	44.4	39.9	40.7
TOTAL HORTICULTURAL SPECIALTIES	46.6	45.4	45.9
ORNAMENTAL FLORAL & NURSERY	47.1	45.8	46.7
FOOD CROPS GROWN UNDER COVER	43.3	42.6	39.3
GENERAL FARM PRIMARILY CROP	42.8	46.2	48.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	51.9	48.2	48.8
BEEF CATTLE FEED LOTS	59.2	59.2	53.4
BEEF CATTLE EXCEPT FEED LOTS	52.0	50.3	49.6
DAIRY FARMS	54.7	50.2	49.9
CHICKEN EGGS	50.0	45.9	48.0
TURKEYS & TURKEY EGGS	56.5	55.2	55.9
OTHER LIVESTOCK	41.7	38.7	42.9
TOTAL AGRICULTURAL SERVICES	39.4	40.6	37.7
SOIL PREPARATION SERVICES	58.3	53.2	58.2
CROP SERVICES	40.1	41.8	39.9
PLANT CULTIVATE & PROTECTION	47.5	47.8	49.0
HARVEST PRIMARILY BY MACHINE	41.1	41.1	37.8
PREPARATION SVCS FOR MARKET	39.0	41.3	39.2
COTTON GINNING	38.5	39.7	44.0
TOTAL FARM LABOR & MANAGEMENT	38.8	39.9	36.5
FARM LABOR CONTRACTORS	38.3	39.2	36.1
FARM MANAGEMENT SERVICES	45.2	46.3	41.1

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER HOUR)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	6.52	6.45	6.32
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.47	6.38	6.30
CASH GRAINS	6.32	6.40	6.14
RICE	6.62	6.70	6.46
OTHER CASH GRAINS	6.10	6.22	5.93
FIELD CROPS EXCEPT CASH GRAINS	6.42	6.42	6.44
COTTON	6.48	6.48	6.67
OTHER FIELD CROPS	6.35	6.33	6.15
VEGETABLES AND MELONS	6.89	7.05	6.74
TOTAL FRUITS AND TREE NUTS	6.42	6.26	6.16
BERRIES	6.19	6.25	6.35
GRAPES	6.82	6.69	6.26
TREE NUTS	6.24	6.27	5.93
CITRUS FRUITS	7.12	7.13	7.13
DECIDUOUS TREE FRUIT	5.85	5.55	5.75
OTHER FRUITS AND NUTS	6.18	6.07	6.06
TOTAL HORTICULTURAL SPECIALTIES	6.67	6.69	6.49
ORNAMENTAL FLORAL & NURSERY	6.51	6.56	6.36
FOOD CROPS GROWN UNDER COVER	7.95	7.76	7.68
GENERAL FARM PRIMARILY CROP	6.08	5.88	6.07
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.08	7.09	6.97
BEEF CATTLE FEED LOTS	6.82	6.60	6.56
BEEF CATTLE EXCEPT FEED LOTS	7.04	6.98	6.59
DAIRY FARMS	7.00	6.99	7.19
CHICKEN EGGS	6.95	6.85	6.38
TURKEYS & TURKEY EGGS	6.07	6.06	6.07
OTHER LIVESTOCK	7.83	8.09	7.28
TOTAL AGRICULTURAL SERVICES	6.50	6.45	6.21
SOIL PREPARATION SERVICES	9.39	9.71	9.44
CROP SERVICES	6.85	6.97	6.73
PLANT CULTIVATE & PROTECTION	7.25	7.30	6.82
HARVEST PRIMARILY BY MACHINE	6.66	6.71	6.86
PREPARATION SVCS FOR MARKET	6.84	6.98	6.64
COTTON GINNING	8.64	8.53	8.33
TOTAL FARM LABOR & MANAGEMENT	6.28	6.11	5.91
FARM LABOR CONTRACTORS	6.21	6.04	5.86
FARM MANAGEMENT SERVICES	6.95	6.77	6.48

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 2-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	228.7	210.9	206.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	116.8	103.7	101.0
TOTAL FIELD CROPS	11.5	12.2	10.7
COTTON	7.1	7.3	6.9
OTHER FIELD CROPS	4.4	4.9	3.8
VEGETABLES AND MELONS	7.0	7.0	8.0
TOTAL FRUITS AND TREE NUTS	73.8	59.1	58.2
GRAPES	41.2	28.7	28.8
TREE NUTS	5.6	4.4	5.0
CITRUS FRUITS	3.8	3.7	2.3
DECIDUOUS TREE FRUIT	14.1	14.5	14.4
OTHER FRUITS AND NUTS	9.1	7.8	7.7
HORTICULTURAL SPECIALTIES	2.8	3.3	2.8
GENERAL FARM PRIMARILY CROP	21.7	22.1	21.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	14.0	14.2	14.1
BEEF CATTLE FEED LOTS	0.3	0.3	0.3
BEEF CATTLE EXCEPT FEED LOTS	1.4	1.5	1.5
DAIRY FARMS	8.7	8.6	8.5
POULTRY & EGGS	2.3	2.4	2.5
OTHER LIVESTOCK	1.3	1.4	1.3
TOTAL AGRICULTURAL SERVICES	97.9	93.0	91.6
CROP SERVICES	27.1	28.8	24.6
PLANT CULTIVATE & PROTECTION	3.5	3.6	4.0
HARVEST PRIMARILY BY MACHINE	3.6	4.0	4.3
PREPARATION SVCS FOR MARKET	19.4	20.6	15.7
COTTON GINNING	0.6	0.6	0.6
TOTAL FARM LABOR & MANAGEMENT	70.8	64.2	67.0
FARM LABOR CONTRACTORS	66.2	59.0	62.3
FARM MANAGEMENT SERVICES	4.6	5.2	4.7

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B
AGRICULTURAL PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	218.0	200.3	195.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	111.4	98.2	95.3
TOTAL FIELD CROPS	10.7	11.3	9.9
COTTON	6.7	6.8	6.5
OTHER FIELD CROPS	4.0	4.5	3.4
VEGETABLES AND MELONS	6.6	6.6	7.6
TOTAL FRUITS AND TREE NUTS	71.2	56.4	55.9
GRAPES	40.4	27.6	28.1
TREE NUTS	5.2	4.0	4.6
CITRUS FRUITS	3.5	3.5	2.0
DECIDUOUS TREE FRUIT	13.4	13.8	13.7
OTHER FRUITS AND NUTS	8.7	7.5	7.5
HORTICULTURAL SPECIALTIES	2.4	2.9	2.4
GENERAL FARM PRIMARILY CROP	20.5	21.0	19.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	12.8	12.9	13.0
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.2	1.3	1.3
DAIRY FARMS	8.1	8.0	8.0
POULTRY & EGGS	2.1	2.2	2.3
OTHER LIVESTOCK	1.2	1.2	1.2
TOTAL AGRICULTURAL SERVICES	93.8	89.2	87.1
CROP SERVICES	23.9	25.9	21.3
PLANT CULTIVATE & PROTECTION	3.0	3.0	3.1
HARVEST PRIMARILY BY MACHINE	2.8	3.7	3.9
PREPARATION SVCS FOR MARKET	17.7	18.8	13.9
COTTON GINNING	0.4	0.4	0.4
TOTAL FARM LABOR & MANAGEMENT	69.9	63.3	65.8
FARM LABOR CONTRACTORS	65.7	58.5	61.6
FARM MANAGEMENT SERVICES	4.2	4.8	4.2

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	266.28	270.77	245.96
TOTAL AGRICULTURAL PRODUCTION/CROPS	278.37	277.98	256.71
TOTAL FIELD CROPS	294.35	321.93	321.10
COTTON	282.51	339.92	319.20
OTHER FIELD CROPS	312.53	295.00	324.52
VEGETABLES AND MELONS	329.00	326.91	252.90
TOTAL FRUITS AND TREE NUTS	281.23	275.46	238.19
GRAPES	299.71	288.12	245.22
TREE NUTS	260.30	254.96	268.74
CITRUS FRUITS	302.45	290.86	286.30
DECIDUOUS TREE FRUIT	234.03	273.12	205.90
OTHER FRUITS AND NUTS	271.74	236.46	240.16
HORTICULTURAL SPECIALTIES	320.33	306.00	289.45
GENERAL FARM PRIMARILY CROP	238.27	241.81	272.38
TOTAL AGRIC PRODUCTION/LIVESTOCK	372.93	349.54	342.93
BEEF CATTLE FEED LOTS	415.06	409.18	366.62
BEEF CATTLE EXCEPT FEED LOTS	375.77	358.41	354.42
DAIRY FARMS	381.73	353.61	350.09
POULTRY & EGGS	340.55	346.79	322.48
OTHER LIVESTOCK	360.61	312.50	319.92
TOTAL AGRICULTURAL SERVICES	237.12	251.34	220.40
CROP SERVICES	265.47	299.00	259.49
PLANT CULTIVATE & PROTECTION	332.22	329.44	347.19
HARVEST PRIMARILY BY MACHINE	309.54	282.33	289.92
PREPARATION SVCS FOR MARKET	246.38	296.14	228.00
COTTON GINNING	338.24	338.15	372.35
TOTAL FARM LABOR & MANAGEMENT	226.97	232.07	207.52
FARM LABOR CONTRACTORS	222.12	225.83	203.60
FARM MANAGEMENT SERVICES	304.30	306.54	261.62

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	42.2	44.1	41.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	43.7	45.2	43.0
TOTAL FIELD CROPS	46.5	51.1	49.4
COTTON	43.8	52.7	47.5
OTHER FIELD CROPS	50.9	48.6	53.2
VEGETABLES AND MELONS	49.4	51.0	45.0
TOTAL FRUITS AND TREE NUTS	43.4	44.5	40.1
GRAPES	44.6	44.6	40.6
TREE NUTS	40.8	39.9	44.2
CITRUS FRUITS	42.9	42.9	45.3
DECIDUOUS TREE FRUIT	40.7	49.3	37.3
OTHER FRUITS AND NUTS	43.9	38.7	39.5
HORTICULTURAL SPECIALTIES	46.9	45.0	44.6
GENERAL FARM PRIMARILY CROP	40.8	42.2	46.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	52.6	49.3	49.7
BEEF CATTLE FEED LOTS	61.4	60.8	60.9
BEEF CATTLE EXCEPT FEED LOTS	53.0	49.3	53.7
DAIRY FARMS	54.3	51.1	50.3
POULTRY & EGGS	48.1	46.3	46.4
OTHER LIVESTOCK	47.2	41.5	45.9
TOTAL AGRICULTURAL SERVICES	39.0	42.1	38.0
CROP SERVICES	39.8	46.0	42.4
PLANT CULTIVATE & PROTECTION	45.2	44.7	48.9
HARVEST PRIMARILY BY MACHINE	48.9	49.1	45.3
PREPARATION SVCS FOR MARKET	37.5	45.7	40.0
COTTON GINNING	39.7	40.4	44.7
TOTAL FARM LABOR & MANAGEMENT	38.6	40.5	36.6
FARM LABOR CONTRACTORS	38.1	39.9	36.1
FARM MANAGEMENT SERVICES	46.6	47.6	43.1

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	6.31	6.14	5.97
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.37	6.15	5.97
TOTAL FIELD CROPS	6.33	6.30	6.50
COTTON	6.45	6.45	6.72
OTHER FIELD CROPS	6.14	6.07	6.10
VEGETABLES AND MELONS	6.66	6.41	5.62
TOTAL FRUITS AND TREE NUTS	6.48	6.19	5.94
GRAPES	6.72	6.46	6.04
TREE NUTS	6.38	6.39	6.08
CITRUS FRUITS	7.05	6.78	6.32
DECIDUOUS TREE FRUIT	5.75	5.54	5.52
OTHER FRUITS AND NUTS	6.19	6.11	6.08
HORTICULTURAL SPECIALTIES	6.83	6.80	6.49
GENERAL FARM PRIMARILY CROP	5.84	5.73	5.82
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.09	7.09	6.90
BEEF CATTLE FEED LOTS	6.76	6.73	6.02
BEEF CATTLE EXCEPT FEED LOTS	7.09	7.27	6.60
DAIRY FARMS	7.03	6.92	6.96
POULTRY & EGGS	7.08	7.49	6.95
OTHER LIVESTOCK	7.64	7.53	6.97
TOTAL AGRICULTURAL SERVICES	6.08	5.97	5.80
CROP SERVICES	6.67	6.50	6.12
PLANT CULTIVATE & PROTECTION	7.35	7.37	7.10
HARVEST PRIMARILY BY MACHINE	6.33	5.75	6.40
PREPARATION SVCS FOR MARKET	6.57	6.48	5.70
COTTON GINNING	8.52	8.37	8.33
TOTAL FARM LABOR & MANAGEMENT	5.88	5.73	5.67
FARM LABOR CONTRACTORS	5.83	5.66	5.64
FARM MANAGEMENT SERVICES	6.53	6.44	6.07

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 3-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	55.7	59.3	56.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	36.7	40.2	38.8
VEGETABLES AND MELONS	8.5	8.1	8.8
TOTAL FRUITS AND TREE NUTS	9.9	13.4	10.9
BERRIES	4.9	8.6	5.9
GRAPES	0.9	0.7	1.0
CITRUS FRUITS	2.1	2.1	2.0
OTHER FRUITS AND NUTS	2.0	2.0	2.0
TOTAL HORTICULTURAL SPECIALTIES	14.8	15.1	15.4
ORNAMENTAL FLORAL & NURSERY	13.9	14.2	14.5
FOOD CROPS GROWN UNDER COVER	0.9	0.9	0.9
GENERAL FARM PRIMARILY CROP	3.5	3.6	3.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.1	2.2	2.4
TOTAL AGRICULTURAL SERVICES	16.9	16.9	15.1
CROP SERVICES	6.3	5.6	5.2
HARVEST PRIMARILY BY MACHINE	3.0	2.9	2.5
PREPARATION SVCS FOR MARKET	3.3	2.7	2.7
TOTAL FARM LABOR & MANAGEMENT	10.6	11.3	9.9
FARM LABOR CONTRACTORS	9.6	10.3	8.4
FARM MANAGEMENT SERVICES	1.0	1.0	1.5

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B
AGRICULTURAL PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	49.7	53.6	49.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	32.1	35.7	33.8
VEGETABLES AND MELONS	7.9	7.5	7.9
TOTAL FRUITS AND TREE NUTS	9.1	12.7	10.2
BERRIES	4.7	8.4	5.7
GRAPES	0.7	0.6	0.9
CITRUS FRUITS	1.8	1.8	1.8
OTHER FRUITS AND NUTS	1.9	1.9	1.8
TOTAL HORTICULTURAL SPECIALTIES	11.9	12.2	12.3
ORNAMENTAL FLORAL & NURSERY	11.2	11.5	11.7
FOOD CROPS GROWN UNDER COVER	0.7	0.7	0.6
GENERAL FARM PRIMARILY CROP	3.2	3.3	3.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.6	1.7	1.9
TOTAL AGRICULTURAL SERVICES	16.0	16.2	14.1
CROP SERVICES	5.9	5.3	4.8
HARVEST PRIMARILY BY MACHINE	2.8	2.8	2.4
PREPARATION SVCS FOR MARKET	3.1	2.5	2.4
TOTAL FARM LABOR & MANAGEMENT	10.1	10.9	9.3
FARM LABOR CONTRACTORS	9.3	10.0	8.0
FARM MANAGEMENT SERVICES	0.8	0.9	1.3

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	291.72	286.09	285.14
TOTAL AGRICULTURAL PRODUCTION/CROPS	295.78	282.53	293.83
VEGETABLES AND MELONS	300.77	304.88	299.39
TOTAL FRUITS AND TREE NUTS	288.60	253.92	269.99
BERRIES	270.48	227.43	249.06
GRAPES	279.51	289.99	289.54
CITRUS FRUITS	310.52	309.42	302.60
OTHER FRUITS AND NUTS	315.25	307.45	294.85
TOTAL HORTICULTURAL SPECIALTIES	300.92	290.79	303.69
ORNAMENTAL FLORAL & NURSERY	296.73	287.62	305.26
FOOD CROPS GROWN UNDER COVER	362.75	333.60	272.52
GENERAL FARM PRIMARILY CROP	284.76	312.13	313.27
TOTAL AGRIC PRODUCTION/LIVESTOCK	340.66	321.20	302.72
TOTAL AGRICULTURAL SERVICES	279.61	290.46	263.41
CROP SERVICES	311.03	310.91	304.10
HARVEST PRIMARILY BY MACHINE	275.15	276.70	277.75
PREPARATION SVCS FOR MARKET	343.50	348.66	330.47
TOTAL FARM LABOR & MANAGEMENT	260.91	280.30	242.36
FARM LABOR CONTRACTORS	243.62	270.64	233.69
FARM MANAGEMENT SERVICES	450.14	387.80	297.88

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	44.2	42.7	43.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	46.0	43.4	46.2
VEGETABLES AND MELONS	48.2	45.1	47.0
TOTAL FRUITS AND TREE NUTS	44.4	39.8	43.9
BERRIES	42.0	36.1	42.0
GRAPES	46.2	47.0	45.1
CITRUS FRUITS	45.2	46.6	45.3
OTHER FRUITS AND NUTS	48.8	47.3	48.1
TOTAL HORTICULTURAL SPECIALTIES	46.8	44.6	47.6
ORNAMENTAL FLORAL & NURSERY	47.1	44.8	48.3
FOOD CROPS GROWN UNDER COVER	41.6	40.0	35.3
GENERAL FARM PRIMARILY CROP	42.0	49.0	45.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	45.3	42.6	46.5
TOTAL AGRICULTURAL SERVICES	40.7	41.2	37.1
CROP SERVICES	43.5	41.4	38.3
HARVEST PRIMARILY BY MACHINE	36.3	36.6	35.7
PREPARATION SVCS FOR MARKET	50.0	46.8	40.9
TOTAL FARM LABOR & MANAGEMENT	39.0	41.1	36.5
FARM LABOR CONTRACTORS	36.8	39.8	35.3
FARM MANAGEMENT SERVICES	63.4	55.4	44.0

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	6.60	6.70	6.54
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.43	6.51	6.36
VEGETABLES AND MELONS	6.24	6.76	6.37
TOTAL FRUITS AND TREE NUTS	6.50	6.38	6.15
BERRIES	6.44	6.30	5.93
GRAPES	6.05	6.17	6.42
CITRUS FRUITS	6.87	6.64	6.68
OTHER FRUITS AND NUTS	6.46	6.50	6.13
TOTAL HORTICULTURAL SPECIALTIES	6.43	6.52	6.38
ORNAMENTAL FLORAL & NURSERY	6.30	6.42	6.32
FOOD CROPS GROWN UNDER COVER	8.72	8.34	7.72
GENERAL FARM PRIMARILY CROP	6.78	6.37	6.84
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.52	7.54	6.51
TOTAL AGRICULTURAL SERVICES	6.87	7.05	7.10
CROP SERVICES	7.15	7.51	7.94
HARVEST PRIMARILY BY MACHINE	7.58	7.56	7.78
PREPARATION SVCS FOR MARKET	6.87	7.45	8.08
TOTAL FARM LABOR & MANAGEMENT	6.69	6.82	6.64
FARM LABOR CONTRACTORS	6.62	6.80	6.62
FARM MANAGEMENT SERVICES	7.10	7.00	6.77

1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 4-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	74.2	73.6	71.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	48.1	48.0	43.6
VEGETABLES AND MELONS	15.2	15.2	14.0
TOTAL FRUITS AND TREE NUTS	18.0	18.4	14.6
BERRIES	14.5	14.9	11.6
GRAPES	0.5	0.7	0.7
DECIDUOUS TREE FRUIT	2.1	1.9	1.6
OTHER FRUITS AND NUTS	0.9	0.9	0.7
TOTAL HORTICULTURAL SPECIALTIES	9.7	9.6	9.8
ORNAMENTAL FLORAL & NURSERY	7.6	7.5	7.7
FOOD CROPS GROWN UNDER COVER	2.1	2.1	2.1
GENERAL FARM PRIMARILY CROP	5.2	4.8	5.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.1	1.1	1.2
TOTAL AGRICULTURAL SERVICES	25.0	24.5	26.3
CROP SERVICES	15.6	15.7	13.8
HARVEST PRIMARILY BY MACHINE	4.4	4.4	3.9
PREPARATION SVCS FOR MARKET	11.2	11.3	9.9
TOTAL FARM LABOR & MANAGEMENT	9.4	8.8	12.5
FARM LABOR CONTRACTORS	8.9	8.1	11.9
FARM MANAGEMENT SERVICES	0.5	0.7	0.6

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 4-B
 AGRICULTURAL PRODUCTION WORKERS (1)
 CENTRAL COAST REGION
 (IN THOUSANDS)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	68.6	68.3	65.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	44.3	44.3	39.8
VEGETABLES AND MELONS	13.9	13.9	12.9
TOTAL FRUITS AND TREE NUTS	17.4	17.7	13.9
BERRIES	14.3	14.7	11.3
GRAPES	0.4	0.6	0.6
DECIDUOUS TREE FRUIT	1.9	1.6	1.4
OTHER FRUITS AND NUTS	0.8	0.8	0.6
TOTAL HORTICULTURAL SPECIALTIES	8.0	8.0	8.0
ORNAMENTAL FLORAL & NURSERY	6.2	6.1	6.2
FOOD CROPS GROWN UNDER COVER	1.8	1.9	1.8
GENERAL FARM PRIMARILY CROP	5.0	4.7	5.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	0.8	0.8	0.9
TOTAL AGRICULTURAL SERVICES	23.5	23.2	24.6
CROP SERVICES	14.2	14.5	12.6
HARVEST PRIMARILY BY MACHINE	3.6	4.0	3.5
PREPARATION SVCS FOR MARKET	10.6	10.5	9.1
TOTAL FARM LABOR & MANAGEMENT	9.3	8.7	12.0
FARM LABOR CONTRACTORS	8.8	8.1	11.5
FARM MANAGEMENT SERVICES	0.5	0.6	0.5

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	302.52	314.93	299.60
TOTAL AGRICULTURAL PRODUCTION/CROPS	302.47	323.64	302.72
VEGETABLES AND MELONS	328.26	323.38	322.67
TOTAL FRUITS AND TREE NUTS	285.44	323.19	281.40
BERRIES	289.56	337.26	291.48
GRAPES	373.47	388.08	319.49
DECIDUOUS TREE FRUIT	265.50	183.40	187.34
OTHER FRUITS AND NUTS	210.03	284.71	284.97
TOTAL HORTICULTURAL SPECIALTIES	338.20	342.42	311.68
ORNAMENTAL FLORAL & NURSERY	333.01	340.34	299.52
FOOD CROPS GROWN UNDER COVER	358.28	350.66	353.91
GENERAL FARM PRIMARILY CROP	234.61	293.25	294.06
TOTAL AGRIC PRODUCTION/LIVESTOCK	342.02	335.92	327.59
TOTAL AGRICULTURAL SERVICES	300.96	298.83	294.38
CROP SERVICES	277.68	294.81	320.36
HARVEST PRIMARILY BY MACHINE	285.38	294.36	306.94
PREPARATION SVCS FOR MARKET	274.37	295.10	326.23
TOTAL FARM LABOR & MANAGEMENT	335.71	304.98	266.85
FARM LABOR CONTRACTORS	336.49	302.87	264.36
FARM MANAGEMENT SERVICES	322.88	328.13	326.30

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	41.9	43.2	42.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	43.9	46.3	44.0
VEGETABLES AND MELONS	44.6	43.7	43.9
TOTAL FRUITS AND TREE NUTS	44.6	48.6	42.0
BERRIES	45.6	51.1	43.7
GRAPES	42.2	44.2	41.6
DECIDUOUS TREE FRUIT	45.0	33.9	32.3
OTHER FRUITS AND NUTS	27.1	35.5	34.5
TOTAL HORTICULTURAL SPECIALTIES	47.3	47.1	45.5
ORNAMENTAL FLORAL & NURSERY	48.9	48.9	46.8
FOOD CROPS GROWN UNDER COVER	42.2	41.4	41.2
GENERAL FARM PRIMARILY CROP	34.2	43.9	47.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	45.3	43.4	42.6
TOTAL AGRICULTURAL SERVICES	38.0	37.4	41.0
CROP SERVICES	35.6	34.4	40.5
HARVEST PRIMARILY BY MACHINE	41.6	39.3	43.6
PREPARATION SVCS FOR MARKET	33.5	32.5	39.4
TOTAL FARM LABOR & MANAGEMENT	41.6	42.3	41.5
FARM LABOR CONTRACTORS	41.8	42.3	41.5
FARM MANAGEMENT SERVICES	37.5	41.8	41.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	7.22	7.29	7.00
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.89	6.99	6.88
VEGETABLES AND MELONS	7.36	7.40	7.35
TOTAL FRUITS AND TREE NUTS	6.40	6.65	6.70
BERRIES	6.35	6.60	6.67
GRAPES	8.85	8.78	7.68
DECIDUOUS TREE FRUIT	5.90	5.41	5.80
OTHER FRUITS AND NUTS	7.75	8.02	8.26
TOTAL HORTICULTURAL SPECIALTIES	7.15	7.27	6.85
ORNAMENTAL FLORAL & NURSERY	6.81	6.96	6.40
FOOD CROPS GROWN UNDER COVER	8.49	8.47	8.59
GENERAL FARM PRIMARILY CROP	6.86	6.68	6.23
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.55	7.74	7.69
TOTAL AGRICULTURAL SERVICES	7.92	7.99	7.18
CROP SERVICES	7.80	8.57	7.91
HARVEST PRIMARILY BY MACHINE	6.86	7.49	7.04
PREPARATION SVCS FOR MARKET	8.19	9.08	8.28
TOTAL FARM LABOR & MANAGEMENT	8.07	7.21	6.43
FARM LABOR CONTRACTORS	8.05	7.16	6.37
FARM MANAGEMENT SERVICES	8.61	7.85	7.92

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 5-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	22.9	27.6	26.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	8.7	11.7	9.4
FIELD CROPS	1.8	1.8	1.8
VEGETABLES AND MELONS	1.5	2.3	1.7
TOTAL FRUITS AND TREE NUTS	2.7	4.7	2.9
GRAPES	0.2	2.1	0.9
CITRUS FRUITS	0.9	0.9	0.8
OTHER FRUITS AND NUTS	1.6	1.7	1.2
HORTICULTURAL SPECIALTIES	0.9	0.9	0.9
GENERAL FARM PRIMARILY CROP	1.8	2.0	2.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	5.0	4.9	5.4
DAIRY FARMS	2.5	2.5	2.6
CHICKEN EGGS	1.2	1.2	1.3
OTHER LIVESTOCK	1.3	1.2	1.5
TOTAL AGRICULTURAL SERVICES	9.2	11.0	11.9
CROP SERVICES	4.3	5.6	4.8
PLANT CULTIVATE & PROTECTION	0.8	0.8	0.8
HARVEST PRIMARILY BY MACHINE	1.0	1.5	1.4
PREPARATION SVCS FOR MARKET	2.5	3.3	2.6
TOTAL FARM LABOR & MANAGEMENT	4.9	5.4	7.1

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B
AGRICULTURAL PRODUCTION WORKERS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	20.5	25.5	24.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.7	10.6	8.2
FIELD CROPS	1.6	1.6	1.6
VEGETABLES AND MELONS	1.4	2.2	1.6
TOTAL FRUITS AND TREE NUTS	2.4	4.3	2.5
GRAPES	0.1	2.0	0.7
CITRUS FRUITS	0.8	0.8	0.7
OTHER FRUITS AND NUTS	1.5	1.5	1.1
HORTICULTURAL SPECIALTIES	0.7	0.7	0.8
GENERAL FARM PRIMARILY CROP	1.6	1.8	1.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.3	4.4	4.7
DAIRY FARMS	2.4	2.4	2.5
CHICKEN EGGS	0.8	0.9	0.9
OTHER LIVESTOCK	1.1	1.1	1.3
TOTAL AGRICULTURAL SERVICES	8.5	10.5	11.2
CROP SERVICES	3.8	5.1	4.3
PLANT CULTIVATE & PROTECTION	0.6	0.6	0.6
HARVEST PRIMARILY BY MACHINE	0.9	1.5	1.3
PREPARATION SVCS FOR MARKET	2.3	3.0	2.4
TOTAL FARM LABOR & MANAGEMENT	4.7	5.4	6.9

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER WEEK)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	298.74	288.23	280.97
TOTAL AGRICULTURAL PRODUCTION/CROPS	301.27	294.95	314.74
FIELD CROPS	256.81	316.73	315.59
VEGETABLES AND MELONS	308.55	277.67	305.47
TOTAL FRUITS AND TREE NUTS	281.84	273.14	288.26
GRAPES	311.15	258.11	304.20
CITRUS FRUITS	318.21	312.05	309.81
OTHER FRUITS AND NUTS	258.83	272.82	264.32
HORTICULTURAL SPECIALTIES	316.26	305.70	299.89
GENERAL FARM PRIMARILY CROP	363.26	344.25	366.77
TOTAL AGRIC PRODUCTION/LIVESTOCK	413.65	405.25	400.81
DAIRY FARMS	464.52	459.76	468.67
CHICKEN EGGS	314.93	289.07	290.04
OTHER LIVESTOCK	379.62	378.78	348.98
TOTAL AGRICULTURAL SERVICES	239.63	234.05	206.96
CROP SERVICES	230.37	265.31	247.63
PLANT CULTIVATE & PROTECTION	300.91	351.85	308.94
HARVEST PRIMARILY BY MACHINE	133.51	261.64	227.91
PREPARATION SVCS FOR MARKET	249.87	250.08	240.86
TOTAL FARM LABOR & MANAGEMENT	246.65	204.45	181.70

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 5-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
DESERT REGION
(IN HOURS PER WEEK)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	42.8	42.2	42.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	47.0	45.1	49.8
FIELD CROPS	37.6	47.7	54.6
VEGETABLES AND MELONS	56.1	48.8	51.6
TOTAL FRUITS AND TREE NUTS	43.9	39.7	44.9
GRAPES	51.6	35.7	50.7
CITRUS FRUITS	45.2	43.4	44.9
OTHER FRUITS AND NUTS	42.5	43.1	41.3
HORTICULTURAL SPECIALTIES	50.2	46.6	43.4
GENERAL FARM PRIMARILY CROP	51.6	50.7	53.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	50.2	49.3	49.3
DAIRY FARMS	49.0	48.6	49.7
CHICKEN EGGS	48.6	46.7	48.1
OTHER LIVESTOCK	54.0	53.2	49.5
TOTAL AGRICULTURAL SERVICES	35.5	36.4	34.9
CROP SERVICES	36.8	43.0	40.2
PLANT CULTIVATE & PROTECTION	48.3	53.8	52.9
HARVEST PRIMARILY BY MACHINE	24.1	43.9	36.7
PREPARATION SVCS FOR MARKET	38.8	40.4	38.6
TOTAL FARM LABOR & MANAGEMENT	34.4	30.2	31.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER HOUR)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	6.98	6.83	6.58
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.41	6.54	6.32
FIELD CROPS	6.83	6.64	5.78
VEGETABLES AND MELONS	5.50	5.69	5.92
TOTAL FRUITS AND TREE NUTS	6.42	6.88	6.42
GRAPES	6.03	7.23	6.00
CITRUS FRUITS	7.04	7.19	6.90
OTHER FRUITS AND NUTS	6.09	6.33	6.40
HORTICULTURAL SPECIALTIES	6.30	6.56	6.91
GENERAL FARM PRIMARILY CROP	7.04	6.79	6.83
TOTAL AGRIC PRODUCTION/LIVESTOCK	8.24	8.22	8.13
DAIRY FARMS	9.48	9.46	9.43
CHICKEN EGGS	6.48	6.19	6.03
OTHER LIVESTOCK	7.03	7.12	7.05
TOTAL AGRICULTURAL SERVICES	6.75	6.43	5.93
CROP SERVICES	6.26	6.17	6.16
PLANT CULTIVATE & PROTECTION	6.23	6.54	5.84
HARVEST PRIMARILY BY MACHINE	5.54	5.96	6.21
PREPARATION SVCS FOR MARKET	6.44	6.19	6.24
TOTAL FARM LABOR & MANAGEMENT	7.17	6.77	5.75

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 6-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	39.9	38.3	38.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	28.9	27.1	27.7
RICE	1.5	1.3	1.3
VEGETABLES AND MELONS	3.5	3.4	3.1
TOTAL FRUIT AND TREE NUTS	12.9	11.6	12.2
TREE NUTS	2.7	2.1	2.1
DECIDUOUS TREE FRUIT	7.7	7.4	7.5
OTHER FRUITS AND NUTS	2.5	2.1	2.6
HORTICULTURAL SPECIALTIES	2.1	2.3	2.3
GENERAL FARM PRIMARILY CROP	8.9	8.5	8.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.2	2.3	2.2
TOTAL AGRICULTURAL SERVICES	8.8	8.9	8.6
CROP SERVICES	4.0	3.5	3.3
HARVEST PRIMARILY BY MACHINE	1.5	1.5	1.6
PREPARATION SVCS FOR MARKET	2.5	2.0	1.7
TOTAL FARM LABOR & MANAGEMENT	4.8	5.4	5.3

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B
AGRICULTURAL PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	36.2	35.3	35.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	26.3	25.1	25.6
RICE	1.3	1.1	1.1
VEGETABLES AND MELONS	3.3	3.2	3.0
TOTAL FRUIT AND TREE NUTS	11.7	10.9	11.3
TREE NUTS	2.2	1.8	1.8
DECIDUOUS TREE FRUIT	7.1	7.1	7.1
OTHER FRUITS AND NUTS	2.4	2.0	2.4
HORTICULTURAL SPECIALTIES	1.7	2.0	2.0
GENERAL FARM PRIMARILY CROP	8.3	7.9	8.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.0	2.0	2.0
TOTAL AGRICULTURAL SERVICES	7.9	8.2	8.0
CROP SERVICES	3.4	3.0	2.8
HARVEST PRIMARILY BY MACHINE	1.3	1.3	1.3
PREPARATION SVCS FOR MARKET	2.1	1.7	1.5
TOTAL FARM LABOR & MANAGEMENT	4.5	5.2	5.2

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	48.5	45.3	43.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	48.2	45.7	44.9
RICE	51.7	50.4	53.0
VEGETABLES AND MELONS	51.6	48.2	46.3
TOTAL FRUIT AND TREE NUTS	43.8	38.1	39.6
TREE NUTS	52.3	46.8	47.1
DECIDUOUS TREE FRUIT	41.6	35.7	37.8
OTHER FRUITS AND NUTS	42.3	39.1	39.6
HORTICULTURAL SPECIALTIES	44.8	45.3	43.8
GENERAL FARM PRIMARILY CROP	53.3	54.5	50.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	51.0	44.8	47.6
TOTAL AGRICULTURAL SERVICES	49.0	44.1	36.8
CROP SERVICES	55.3	50.1	37.9
HARVEST PRIMARILY BY MACHINE	57.1	53.6	35.8
PREPARATION SVCS FOR MARKET	54.2	47.4	39.8
TOTAL FARM LABOR & MANAGEMENT	44.2	40.6	36.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	48.5	45.3	43.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	48.2	45.7	44.9
RICE	51.7	50.4	53.0
VEGETABLES AND MELONS	51.6	48.2	46.3
TOTAL FRUIT AND TREE NUTS	43.8	38.1	39.6
TREE NUTS	52.3	46.8	47.1
DECIDUOUS TREE FRUIT	41.6	35.7	37.8
OTHER FRUITS AND NUTS	42.3	39.1	39.6
HORTICULTURAL SPECIALTIES	44.8	45.3	43.8
GENERAL FARM PRIMARILY CROP	53.3	54.5	50.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	51.0	44.8	47.6
TOTAL AGRICULTURAL SERVICES	49.0	44.1	36.8
CROP SERVICES	55.3	50.1	37.9
HARVEST PRIMARILY BY MACHINE	57.1	53.6	35.8
PREPARATION SVCS FOR MARKET	54.2	47.4	39.8
TOTAL FARM LABOR & MANAGEMENT	44.2	40.6	36.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	6.18	6.02	6.01
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.11	6.00	6.11
RICE	6.75	6.91	6.65
VEGETABLES AND MELONS	7.17	8.05	7.12
TOTAL FRUIT AND TREE NUTS	6.05	5.74	5.86
TREE NUTS	6.08	5.99	5.68
DECIDUOUS TREE FRUIT	6.00	5.64	5.84
OTHER FRUITS AND NUTS	6.18	5.81	6.06
HORTICULTURAL SPECIALTIES	6.19	5.87	5.95
GENERAL FARM PRIMARILY CROP	5.65	5.43	6.00
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.99	7.05	6.80
TOTAL AGRICULTURAL SERVICES	6.19	5.81	5.37
CROP SERVICES	7.21	6.98	6.49
HARVEST PRIMARILY BY MACHINE	7.55	7.51	6.59
PREPARATION SVCS FOR MARKET	7.00	6.53	6.41
TOTAL FARM LABOR & MANAGEMENT	5.23	4.99	4.73

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 7-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	15.5	12.8	14.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	10.5	9.0	9.9
TOTAL FRUITS AND TREE NUTS	8.7	7.3	8.0
GRAPES	5.7	5.8	5.3
OTHER FRUITS AND NUTS	3.0	1.5	2.7
TOTAL HORTICULTURAL SPECIALTIES	1.1	1.1	1.3
GENERAL FARM PRIMARILY CROP (2)	0.7	0.6	0.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.9	2.0	2.1
TOTAL AGRICULTURAL SERVICES	3.1	1.8	2.8

- (1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.
(2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, HOURS, OR EARNINGS ESTIMATES.

TABLE 7-E
AGRICULTURAL PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	12.9	10.6	12.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	8.3	7.2	7.8
TOTAL FRUITS AND TREE NUTS	6.7	5.7	6.2
GRAPES	4.1	4.4	3.8
OTHER FRUITS AND NUTS	2.6	1.3	2.4
TOTAL HORTICULTURAL SPECIALTIES	0.9	0.9	1.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.7	1.7	1.8
TOTAL AGRICULTURAL SERVICES	2.9	1.7	2.7

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	286.48	316.97	311.18
TOTAL AGRICULTURAL PRODUCTION/CROPS	277.01	315.76	299.17
TOTAL FRUITS AND TREE NUTS	273.46	324.28	300.42
GRAPES	306.23	338.43	285.48
OTHER FRUITS AND NUTS	220.09	278.15	324.34
TOTAL HORTICULTURAL SPECIALTIES	296.78	276.59	288.15
TOTAL AGRIC PRODUCTION/LIVESTOCK	341.26	304.46	308.98
TOTAL AGRICULTURAL SERVICES	283.57	338.30	348.39

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	39.9	43.6	43.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	39.8	44.1	42.8
TOTAL FRUITS AND TREE NUTS	38.3	44.0	41.9
GRAPES	37.3	43.5	39.0
OTHER FRUITS AND NUTS	39.8	45.9	46.6
TOTAL HORTICULTURAL SPECIALTIES	41.8	39.4	41.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	52.1	46.2	47.1
TOTAL AGRICULTURAL SERVICES	33.4	39.2	42.8

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	AUG 1992	JUL 1992	AUG 1991
TOTAL AGRICULTURAL	7.18	7.27	7.17
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.96	7.16	6.99
TOTAL FRUITS AND TREE NUTS	7.14	7.37	7.17
GRAPES	8.21	7.78	7.32
OTHER FRUITS AND NUTS	5.53	6.06	6.96
TOTAL HORTICULTURAL SPECIALTIES	7.10	7.02	6.91
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.55	6.59	6.56
TOTAL AGRICULTURAL SERVICES	8.49	8.63	8.14

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

